

Advanced Planning Briefing to Industry Cannon Artillery Munitions (CAM) IPT

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Presented By:

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Bottom Line Up Front

IPT Goals

- **Coordinate Strategic Planning to Influence Funding Decisions**
 - **Modernize Stockpile**
- **Look for New Opportunities...**
 - **Cost Reduction... Process Streamlining**
 - **Pool Funding**
 - **Horizontal Technology Integration**
 - **Industry Involvement**
- **Pursue Excellence in Execution**



**Facilitate Informed
Decision Making**

Successful To Date

Cannon Artillery Munitions Family Speaks With “One Voice”

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Cannon Artillery Munitions IPT Life Cycle Management

Mission / Objectives:

- Better Products to the Warfighter
- Improved Logistics and Sustainability
- Reduce Total Ownership Cost
- Look into the Future

The "Artillery Team"

- PM-Artillery Munitions Systems (Chair)
- PEO Ground Combat & Support Systems
- PM Crusader
- PM Joint Lightweight Howitzer
- PM Paladin
- USA Operations Support Command (OSC)
- Deputy Chief of Staff (DCS) for Ammunition
- TACOM ARDEC
- Army Fuze Mgmt Office
- Defense Logistics Agency
- USA Defense Ammunition Center
- Benet Weapons Laboratory
- USA Field Artillery School
- US Marine Corps
- DCS for Logistics
- DCS for Operations and Plans
- Asst Sec'y Army for Acq, Log & Technology
- USA Training & Doctrine Command
- USA Soldier, Biological & Chemical Cmd
- Executive Director for Conventional Ammo
- USA Simulation & Training Command
- TSM Future Combat System

**Government
Stakeholders**

Life Cycle

Strong
PMO/ARDEC
Insight

TECH BASE
DEVELOP
DEMONSTRATE
PRODUCIBILITY
FACILITIES

PRODUCE

STORE
STOCK
ISSUE
TRANS
DEMIL

Strong
OSC
Insight

Current Thrusts:

Individual Issues

- Insensitive Munitions Strategy
- Address Shelf Life & Requirements (ie M549A1 Extended Life, etc)
- Horizontal Technology Insertion Opportunities for Artillery (ie IR Illum, Multi-Spectral Smoke, etc)
- Pursue Upgrade of Stockpile (ie Low Cost Competent Munitions)
- Analyze Impact of Army Transformation on Cannon Artillery Munitions

**Pursue Opportunities
with Industry**

**Industry Invited to
Meetings to Present
Ideas**

Cannon Artillery Munitions Family Speaks With "One Voice"

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CAM IPT Meetings

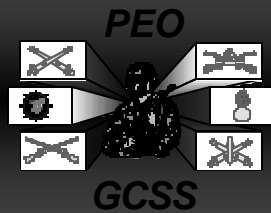
- Held Quarterly in the Washington DC Area
- Industry Invited to Attend & Present Ideas
 - Inform CAM IPT POC
- Next Meeting Wednesday Feb 21, 2001
 - Camber Corporation Rosslyn Office
1655 N. Fort Myer Drive, Suite 1200
Arlington, VA 22209
 - POC Robert Goldberg, PM ARMS
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Cannon Artillery Munitions Integrated Product Team Benefits of Teaming

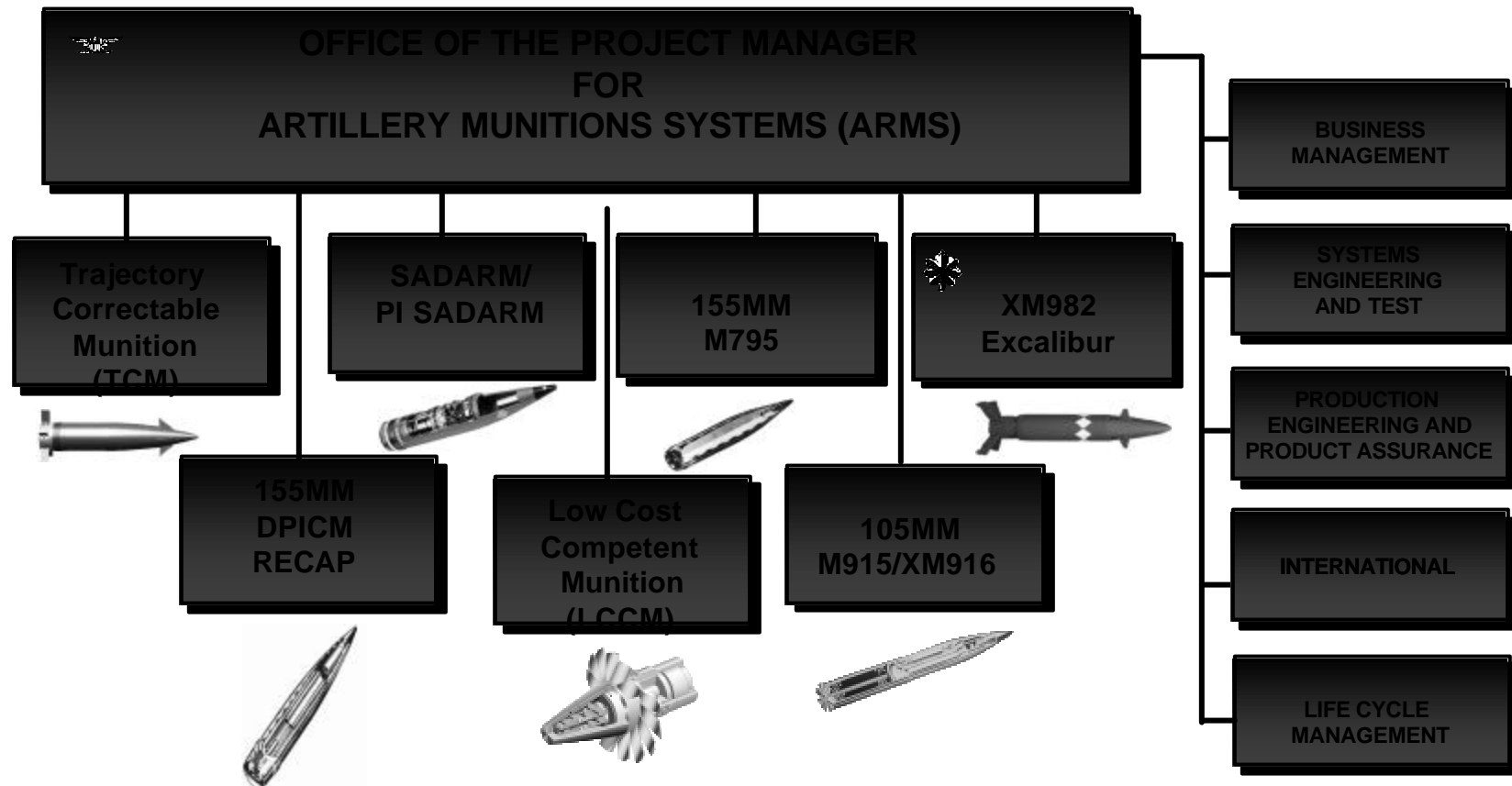
<u>Benefit</u>	<u>Est. Cost Savings/Avoidance</u>
● Multi Year Procurement of M107	\$ 12M Savings Over FY99-FY03
● Reutilization of 287,000 T-2 Supplemental Charges	\$ 2M Avoidance
● Air Force Reutilization of 33M lbs TNT From 8" Rounds	\$ 30M Avoidance
● Integrated M107/M795 IM Efforts	\$ 520K Avoidance
● Single War Reserve Round...100K Fewer M107 Rds @ \$5/Yr	\$ 500K Avoidance per year
● Integrate M549A1 Obturator Maintenance & PIP Programs	\$ 5M Avoidance

- Identified Future Battlefield Needs for IR Illum and Multi-Spectral Smoke
- Revitalized Interest in Low Cost Competent Munitions..Reduces Conventional Ammo Combat Footprint by 50%. Part of Overall Stockpile Recap/Enhancement Strategy
- Conducted M107/M795 Combined Design of Experiments for LAP... Demonstrated Opportunity for Common Production Loading Processes

CAM IPT Proving Life Cycle Management in Teaming Environment Works!



PM ARMS Organization



Points of Contact

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 R&D				
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COMMENT CODES

F&O	FULL AND OPEN COMPETITION
US&C	U.S. AND CANADA COMPETITION
SBSA	SMALL BUSINESS SET-ASIDE COMPETITION
SS	RESTRICTED TO SINGLE OR LIMITED SOURCES
OPTION	OPTION TO CURRENT CONTRACT
SYSTEM	ITEM/COMPONENT BOUGHT AS PART OF SYSTEM CONTRACT
MY	MULTI-YEAR

155mm ARTILLERY COMPONENTS AND END ITEMS

<u>Nomenclature</u>	<u>QTYS</u>		<u>OUTYR</u>	<u>POC</u>	<u>Comments</u>
	<u>01</u>	<u>02</u>	<u>Buys</u>		
<u>M107 PROJ</u>					
M107 MPTS	178K	293K	YES	SH	US&C/MY
M107 LAP	175K	288K	YES	GH	MY
SUPP CHG's	0	0	YES	SH	Stock
LIFTING PLUGS	0	0	YES	SH	SBSA
EXPLOSIVE	0	0	YES	SH	Stock
<u>M795 PROJ</u>					
M795 MPTS	18.5K	21.6	YES	RK	TBD

155mm ARTILLERY COMPONENTS AND END ITEMS

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	<u>01</u>	<u>02</u>	<u>Buy</u>		
<u>M110 SMOKE</u>					
M110 MPTS	0	16K	YES	SH	US&C
M110 BURSTER	0	16K	YES	SH	US&C
CASING					
M54 BURSTER	0	16K	YES	SH	F&O
LAP	0	16K	YES	SH	PBA

155mm ARTILLERY COMPONENTS AND END ITEMS

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	<u>01</u>	<u>02</u>	<u>Buys</u>		
M927 HERA	2K	0	NO	SH	OPTION
M1 HE CRIMPED	54K	14K	YES	SH	F&O/IDIQ
M314A2 ILLUM	19K	7K	YES	SH	TBD
M915/916 ICM	0	0	YES	WV	TBD
M28 B2 PRIMERS	0	0	YES	SH	TBD

Cannon Artillery Munitions (CAM) IPT Summary

Working Life Cycle Acquisition and Logistic Issues...Together!

Customer Satisfaction...Up Front and Continuous!

CAM IPT - A Successful Teaming Approach
to Managing Ammunition!

Looking to Expand with Industry Participation